

Image 1



Image 2

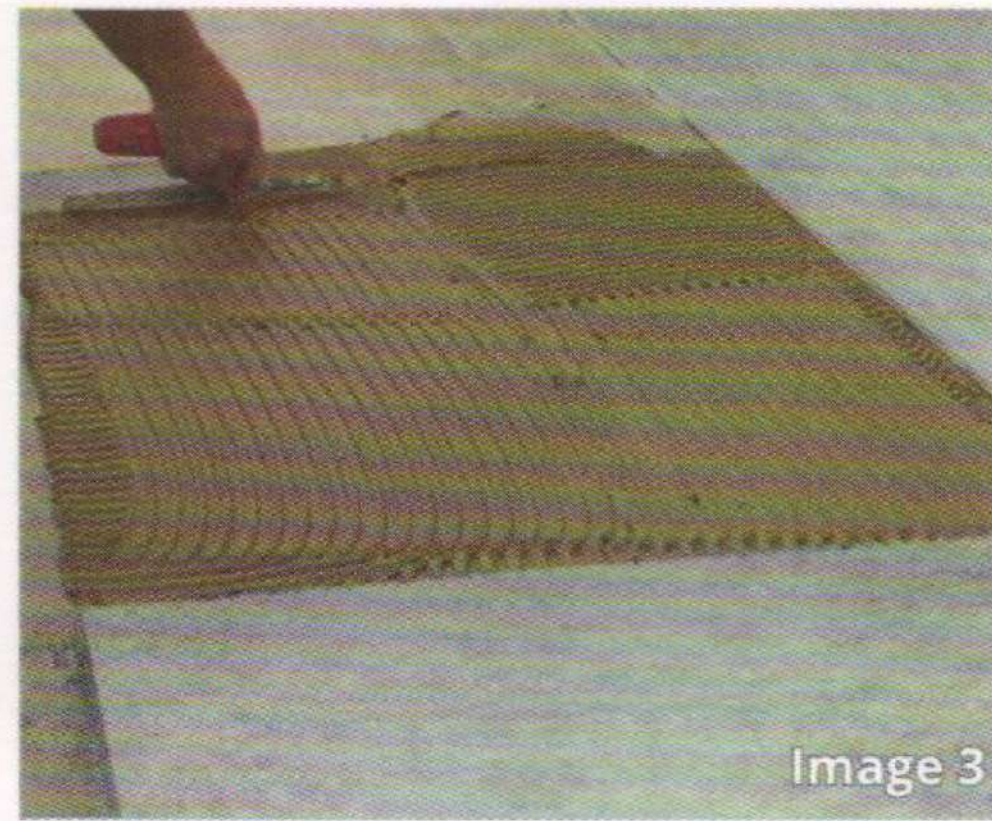


Image 3



Image 4



Image 5



Image 6



Image 7

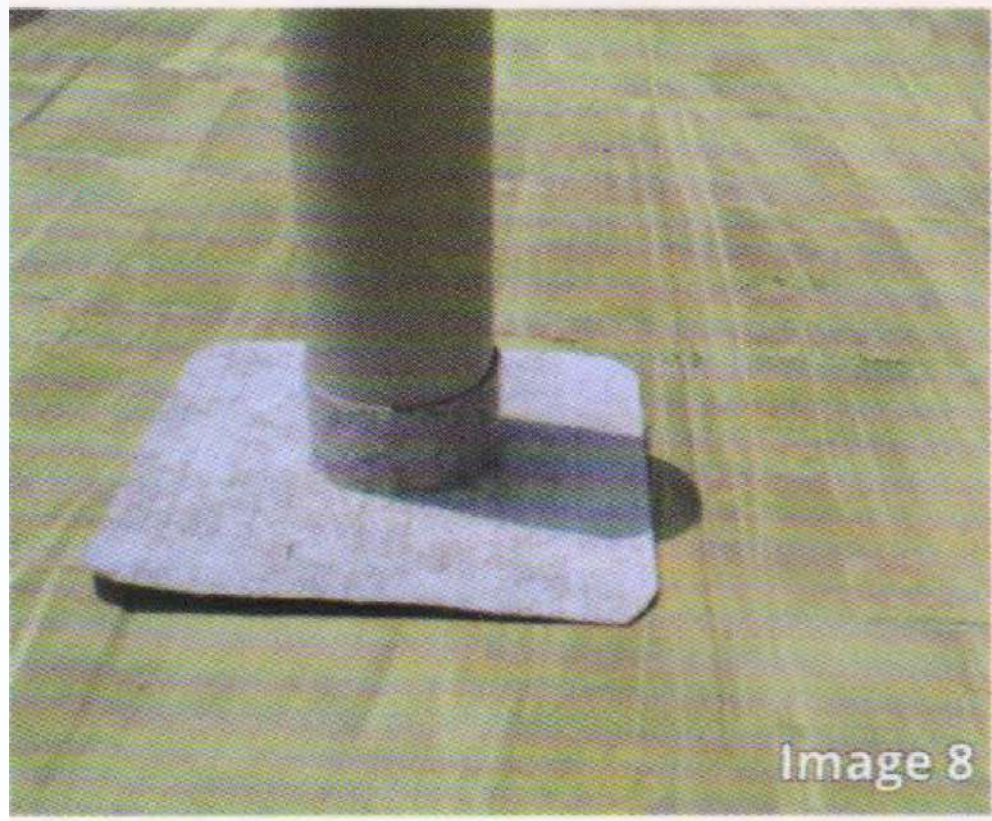


Image 8



Image 9



Image 10

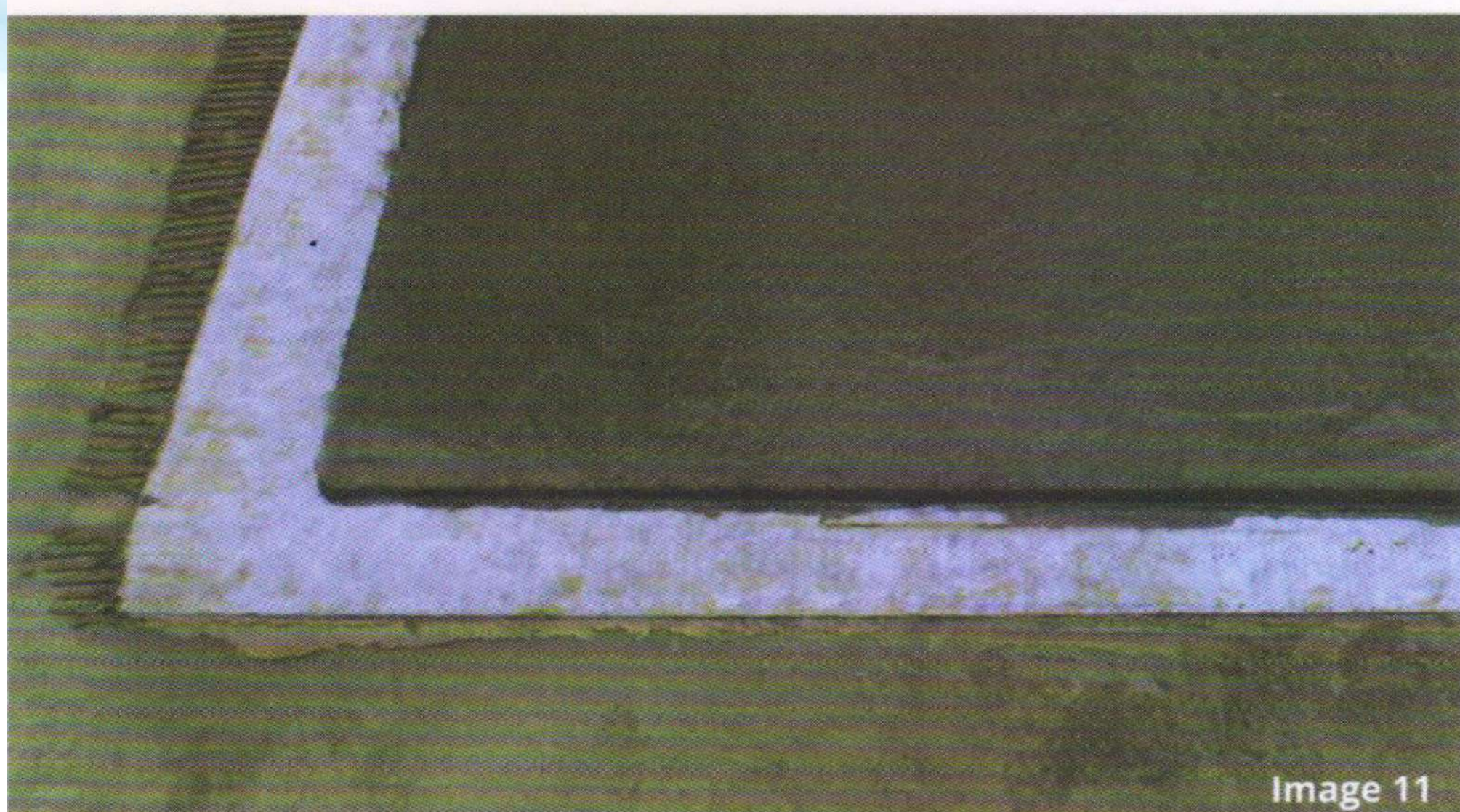


Image 11

APPLICATION SPACES

Toilets, utility, balcony, attached terrace (**image 1**), podium slab (**image 10**); flower beds, lift well, basement, retaining wall, expansion joints (**image 15**), flat/slopping roof terrace (**image 10**), wall damp-proofing (**image 14**) and many more.

PRODUCT BENEFITS

100% Waterproofing with high Durability

The impervious membrane with easy application allows 100% waterproofing results over longer length of time.

EASY APPLICATION

Due to its high softness and flexibility it can be easily fixed to corners, sunken area (**image 2**), horizontal and vertical concrete and plastered surfaces with the help of cement based adhesive.

COST EFFECTIVE AND DURABLE

Very cost effective system compared with conventional and chemical waterproofing. Once applied with proper care it last for comparative longer time.

EXCELLENT ADHESION

The fibrous surface excellently bonds cement based tile adhesive to plastered or concrete surface.

HOW TO APPLY

SURFACE PREPARATION -

1. Surface must be clean, free from honeycomb, dust, oil, etc. and should be structurally sound. It should be well water saturated prior to membrane application.
2. Suitable application surface include concrete, cement sand screed or plaster.
3. Ensure areas around drain holes and pipes are filled completely. Ensure proper sloped surface for application.

MEMBRANE PREPARATION -

1. Cut the membrane in an appropriate size as per the dimensions of the required area. The membrane should be cut considering a min of 0.2 to 0.30 mtr for adjacent vertical walls in case of sunken slabs & toilets areas.

2. At drain inlets, precisely mark a 'X' with the right radius & cut on the marking accurately. Additionally prepare an extra round sleeve of membrane to lay around drain pipes as shown in the image (**image 4,5,6,7 & 8**)
3. Consider an overlap of 100 mm for preparing membranes for larger areas.
4. Wet the surface of membrane by dipping in water before application.

BONDING MATERIAL PREPARATION

Prepare adhesive mortar paste using good quality branded block or tile adhesive as bonding material.

APPLICATION METHOD

1. Apply prepared thick cement slurry on thoroughly cleaned and wet surface using brush/broom covering all applicable area.
2. Wet the surface of membrane by dipping in water or by spraying of water over surface before application.
2. Apply prepared adhesive mortar paste 5 mm thick over cement slurry applied surface using combed blade and also apply on one surface of the membrane simultaneously. As shown in (**image 3**).
3. Lay the membrane properly positioned from one side to other and press it with wooden float and make sure no air is entrapped below the membrane (**Image 10**). In toilets / sunken areas make sure all corners are well pressed, right angle vertical surface membrane to be properly folded using two wooden floats for ease of folding and sticking. As shown in (**image 9**).
4. Lay and stick extra over sleeves cap membrane around the drain pipes applying adhesive mortar in between the membrane and roll/press it properly. As shown in (**images 4, 5, 6, 7 & 8**).
5. Allow the prepared surface to set for at least 3 days without disturbing, cure the all the surface sleeves and where membrane are overlapped.
6. After 7 days check try pulling out membrane for its adhesion to the surface, after sufficient bonding it can be tested for pond test. Adhesion test required to be done till better bonding and standardization of mortar preparation is achieved.
7. Once the application process get standardize then the further tile fixing or concreting over it can be started from 3rd day after application.
8. The membrane can be bonded together by applying same adhesive mortar by overlapping 100 mm

